

In the Claims

Please amend the claims as follows:

1. (amended) A digital controller device for interfacing a user of adjustable power unit and an adjustable power module for ~~controlling adjustable power module~~ comprising:
 - at least one analog to digital converter for converting analog ~~user~~ input signal provided by the user to digital input;
 - a micro-controller adapted to receive said input digital information and operate at least one digital to analog unit in response to said digital input information;
 - at least one digital to analog converter unit adapted to produce analog input signal for controlling the adjustable module.

15. (amended) A controlled power system comprising:
 - an adjustable module, wherein at least one working parameter of said adjustable module is controlled by analog input;
 - a digital controller device for ~~controlling~~ interfacing a user and an adjustable power module comprising:
 - at least one analog to digital converter for converting analog ~~user~~ input signal provided by the user to digital input information;
 - a micro-controller adapted to receive said digital input information and operate at least one digital to analog unit in response to said digital input information;
 - at least one digital to analog converter unit adapted to produce analog input signal for controlling said adjustable module.

16. (amended) A method for controlling adjustable module comprising:
- receiving analog ~~user~~ input signal from a user;
 - converting said analog ~~user~~ input signal to digital input information;
 - processing digital input information using a micro-controller;
 - producing at least one analog input signal for controlling adjustable module by a digital to analog unit in response to the processed digital input information.